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April 18, 2022

Luly Massaro
Clerk
Public Utilities Commission
89 Jefferson Boulevard
Warwick, RI 02888

Re: Docket No. 5192 – Block Island Utility District Tariff Advice Filing re Net Metering Tariff

Dear Luly:

As you know, our office represents Block Island Utility District ("BIUD").

Enclosed please find BIUD's compliance filing in connection with this docket. This compliance filing amends BIUD's Net Metering Tariff as directed by the Commission during its open meeting on March 29, 2022. An original and five (5) copies are enclosed.

If you need any further information, please do not hesitate to contact me.

Very truly yours,

Leah J Donaldson

Leah J. Donaldson

Encl.

Cc: Service List

BLOCK ISLAND UTILITY DISTRICT
NET METERING TARIFF

INTRODUCTION

This Tariff sets forth interconnection requirements, equipment specifications, and proposed metering for Block Island Utility District consumer/members who may choose self-generation of electric energy using photovoltaic (PV), or wind co-generation electric generating equipment. The program is available to all customers regardless of consumer class.

DEFINITIONS

"Net metering" means a system of metering electricity in which Block Island Utility District credits a Block Island Utility District consumer/member for generation.

“Net Metering System” means the system that includes the consumer/member’s generator and interconnecting equipment.

“Consumption Meter” means the meter for which all consumer/member usage is metered though and billed at the appropriate retail rate.

“Generation Meter” means the meter for which all generation is metered through and credited at the Net Metering Rate.

“Generation Credit” means the credit allocated to the consumer/member’s bill in the form of a bill credit for all metered generation. The Generation Credit which will be based on the Utility District’s Last Resort/Power Supply and Transmission Rates – minus – the Non-Bypassable Charges embedded within those rates. Examples of Non-Bypassable Charges are National Grid’s Direct Assignment Facilities fixed charges.

“Non-Bypassable Charges” means those portions of the Utility District’s Last Resort/Power Supply and Transmission Rates that are fixed and not a function of consumption or production.

“Last Resort/Power Supply and Transmission Rates” means those tariffs that identify specific variable and non-bypassable charges that are used in calculating the Net Metering Rate.

“Annual Reconciliation” means the regulatory filing done annually to determine the Last Resort/Power Supply, Transmission and Net Metering Rate.

“Utility District” means the Block Island Utility District dba Block Island Power Company.

BLOCK ISLAND UTILITY DISTRICT
NET METERING TARIFF

GENERAL PROVISIONS

1. This tariff applies to Net Metering Systems installed after December 21, 2020 and to Net Metering Systems installed on or before December 31, 2020 when the consumer/member replaces, or upgrades which increases the rated nameplate DC output of the Net Metering System.

2. Pursuant to this Net Metering Tariff, the Utility District will offer net metering to all residential or commercial consumer/members who generate electricity, metered by a separate generation meter that has remote disconnect capabilities.

3. Net Metering Systems will be required to be metered separately from the consumer/members Consumption Meter. The Generation Credit will be applied to the consumer/member's specific retail account.

4. Net Metering Systems are limited in size by the member's annual consumption history (or estimate for new construction). Each new Net Metering System must be sized so that the estimated net metered production is no greater than 125% than the annual consumption of the account that the system is connected to. Each Net Metering System will be reviewed on a case-by-case basis. The Utility District reserves the right to limit the size of any proposed project for technical interconnection reasons.

5. The maximum size of any one project will be not more than 10% of the remaining net metering capacity at the time the application is submitted.

6. The Utility District will continue to allow Net Metering Systems to be installed until the total installed nameplate DC output capacity of all Net Metering Systems reaches 10% of the Utility Districts most recent annual peak load. The BIUD roof top solar array shall not be included in the net metering cap.

7. The customer is solely responsible for securing and complying with all local permitting processes including zoning; electrical, building inspection, and all other special permits that may be required.

8. Eligible generating sources include, energy resources as described by and pursuant to §39-26-5(a) including sources that simultaneously generate electricity and recover heat.

Traditional gasoline, diesel, propane, or natural gas-fired portable or permanently mounted emergency generators are explicitly excluded from this Tariff.

BLOCK ISLAND UTILITY DISTRICT
NET METERING TARIFF

METERS AND METERING

1. PV and wind systems require the installation of a smart (AMI) meter by the Utility District. An additional meter socket (meter type and location must be approved by the Utility District) will be installed by the customer to measure the amount of electricity produced by the generating facility.

The Utility District will reimburse residential members up to $1,000 towards the cost to install the second meter socket. Proof of expenses must be provided to the Utility District.

2. The generating facility must be inverter-based.

3. The aggregate generation capacity on the distribution circuit to which the Net Metering system will interconnect, including the capacity of the Net Metering system shall not contribute more than 10% to the distribution circuit's maximum fault current at the point on the high voltage (primary) level that is nearest the proposed point of common coupling.

4. If a single-phase Net Metering System is to be connected to a transformer center tap neutral of a 240 volt service, the addition of the Net Metering system shall not create an imbalance between the two sides of the 240 volt service of more than 20% of nameplate rating of the service transformer.

5. The consumer/member shall be required to install a manual-disconnect located on the line side, within 10 feet of the meter, and outside of the residence or building that the Net Metering system serves. Disconnect must be clearly labeled, unlocked and readily accessible by utility personnel.

6. The interconnecting consumer/member will be responsible for reasonable and necessary costs incurred by the Utility District for the purchase, installation, operation, maintenance, testing, repair and replacement of metering and data acquisition equipment.

7. If, at any time any metering equipment is found to be inaccurate by a margin greater than that allowed under applicable rules and standards, the Utility District shall cause such metering equipment to be made accurate or replaced. The cost to repair or replace the meter shall be borne by the Utility District. Meter readings for the period of inaccuracy shall be adjusted so far as the same can be reasonably ascertained; provided, however, no adjustment prior to the beginning of the preceding month shall be made except by agreement of the Parties. Each Party shall comply with any reasonable request of the other concerning the sealing of meters, the presence of a representative of the other Party when the seals are broken and the test-s are made, and other matters affecting the accuracy of the measurement of electricity delivered from· the Facility. If either Party believes that there has been a meter failure or stoppage, it shall immediately notify the other.

BLOCK ISLAND UTILITY DISTRICT
NET METERING TARIFF

GENERATION CREDITS AND SAMPLE CALCULATIONS

The amount credited to the consumer/member for electricity produced by the Net Metering System, shall be at the Generation Credit rate regardless of the type of generating facility.

The Generation Credit will be set annually and filed with the Utility District's Annual Power Supply and Transmission Reconciliation Filing with the RI-PUC. The Generation Credit will be reviewed and approved with the Utility District's Power Supply and Transmission rate and the new Generation Credit will change and be in effect at the same time as the Power Supply and Transmission Rate change.

The formula used to calculate the Generation Credit will be as follows:

Last Resort/Power Supply Service + Transmission – (Direct Assignment Facilities "DAF" Charges + Block Island Transmission System "BITS" Charges + BIUD Interconnection Amortization Expenses).

Each consumer/member's net metering bill will undergo a monthly reconciliation of the Generation Credit and Consumption Metered usage. In the event the amount due on the consumer/member's bill is a negative number, this amount will be carried over to their next bill as a credit. If a credit is maintained for more than two years, the member/consumer will forfeit the credit balance.

DISCONNECTION DURING OPERATING EMERGENCIES

The Utility District requires any Net Metering System will have a remote disconnect installed that allows the Utility District to disconnect the Net Metering System from the system disrupting generation output during system emergencies. The Utility District reserves the right to deem what constitutes a system emergency and is not required to notify the consumer/member beforehand, but rather will report system emergencies that resulted in disrupting the Net Metering System's generation in the next billing cycle.

The remote disconnect will be provided by the Utility District and will be controlled only by them.

BLOCK ISLAND UTILITY DISTRICT
NET METERING TARIFF

REQUIREMENTS FOR INVERTER-BASED SYSTEMS

1. The Utility District's distribution circuits generally operate with automatic re-closers, which activate following a fault and line trip. The consumer/member is responsible for protecting their net metering equipment from being re-connected out of synch with the Utility District's system.

2. For Net Metering Systems that utilize PV technology, it is required that the system be installed in compliance with IEEE Standard 929-2000, "IEEE Recommended Practice for Utility Interface of PV Systems". The inverter shall meet the Underwriters Laboratories Inc. Standard UL 1741, Static Inverters and Charge Controllers for Use in PV Power Systems.". Based on the information supplied by the Interconnecting Customer, if the Utility District determines the inverter is in compliance with UL 1741, the Interconnecting Customer's request for interconnection will be approved.

3. For Net Metering Systems that utilize wind technology or ot_her direct current energy sources and employ inverters for the production of alternating· current, the inverter shall meet the Underwriters Laboratories Inc. Standard UL 1741, "Static Inverters and Charge Controllers for Use in Photovoltaic Power Systems." Based on the information supplied by the Interconnecting Customer, if the Utility District determines the inverter is in compliance with UL 1741, the. Interconnecting Customer's request for interconnection will be approved,

4. The following information must be submitted by the interconnecting consumer/member for review and acceptance by the Utility District prior to approving the interconnecting consumer/member's request for interconnection: ·

- An electrical one-line diagram or sketch depicting how the inverter will be Interconnected relative to the service entrance panel and the electric revenue meter.

- The make, model and manufacturer's specification sheet for the inverter.

FORCE MAJEURE

An event of Force Majeure means any act of God, labor disturbance, act of the public enemy, war, insurrection, riot, fire, storm or flood, explosion, breakage or accident to machinery or equipment, any curtailment, order, regulation or restriction imposed by governmental, military or lawfully established civilian authorities, or any other cause beyond either party's control. A Force Majeure event does not include an act of negligence or intentional wrongdoing. Neither the Utility District nor the interconnecting consumer/member will be considered in default as to any obligation under Interconnection Requirements if prevented from fulfilling the obligation due. to an event of Force Majeure. However, a party whose performance is hindered by an event of

BLOCK ISLAND UTILITY DISTRICT
NET METERING TARIFF

Force Majeure shall make all reasonable efforts to perform its obligations under this interconnection requirement.

INDEMNIFICATION

The interconnecting consumer/member shall at all times indemnify, defend, and hold Utility District harmless from any and all damages, losses, claims, including claims and actions relating to injury to or death of any person or damage to property, demands, suits, recoveries, costs and expenses, court costs, attorney fees, and all other obligations by or.to third parties, arising out of or resulting from the Utility Districts performance of its obligations under this Interconnection Requirements on behalf of the interconnecting consumer/member except in cases of gross negligence or intentional wrongdoing by the Utility District.

PROTECTION REQUIREMENTS

If, due to the interconnection of the Facility, when combined with pre-existing facilities interconnected to the Utility Districts system, the rating of any of the Utility Districts equipment or the equipment of others connected to the Utility Districts system will be exceeded or its control function will be adversely affected, the Utility District. shall have the right to require the Interconnecting Customer to pay for the purchase, installation, replacement or modification of equipment to eliminate the condition. Where such action is deemed necessary by the Utility District, the Utility District will, where possible, permit the interconnecting consumer/member to choose among, two or more options for meeting the Utility Districts' requirements as described in this protection Tariff.

ACCESS AND CONTROL

Representatives of the Utility District shall, at all reasonable times, have access to the Net Metering System to make reasonable inspections. At the Net Metering System, the Utility District's representatives shall identify themselves to the interconnecting consumer/member's representative, state the object of their visit, and conduct themselves in a manner that will not interfere with the construction or operation of the Facility.